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(FILE 'HOME' ENTERED AT 12:51:59 ON 02 APR 2010)

FILE 'CAPLUS' ENTERED AT 12:52:10 ON 02 APR 2010  
L1 1025 S EXPANDED BED  
L2 508 S L1 AND ADSORP?  
L3 22 S L2 AND (WHEY OR MILK)  
L4 10 S L3 AND COLUMN

=> d 14 1-10

L4 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 2007:413021 CAPLUS  
DN 148:545973  
TI Process for separation and purification of bioactive lactoferrin,  
apo-lactoferrin and lactoperoxidase  
IN Mallinath, Lali Arvind; Rameshchand, Agrawal Manisha; Bhaskar, Kale  
Sandeep  
PA India  
SO Indian Pat. Appl., 65pp.  
CODEN: INXXBQ

DT Patent  
LA English  
FAN.CNT 1  

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI IN 2004MU00504	A	20070316	IN 2004-MU504	20040505
PRAI IN 2004-MU504		20040505		

L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 2005:977800 CAPLUS  
DN 144:107068  
TI Concentration of .alpha.-lactalbumin from cow milk whey  
through expanded bed adsorption using a  
hydrophobic resin  
AU Conrado, L. S.; Veredas, V.; Nobrega, E. S.; Santana, C. C.  
CS Department of Chemical Engineering, Federal University of Campina Grande,  
Campina Grande, Brazil  
SO Brazilian Journal of Chemical Engineering (2005), 22(4), 501-509  
CODEN: BJCEFZ; ISSN: 0104-6632  
PB Brazilian Society of Chemical Engineering  
DT Journal  
LA English  
OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)  
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 2004:799417 CAPLUS  
DN 141:295049  
TI Method for high throughput volumes in the fractionation of bio-molecules  
by chromatographic systems  
IN Hansen, Marie Bendix; Lihme, Allan Otto Fog  
PA Upfront Chromatography A/S, Den.  
SO PCT Int. Appl., 40 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004082397	A1	20040930	WO 2004-DK187	20040319
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2004222627	A1	20040930	AU 2004-222627	20040319
	AU 2004222627	B2	20091203		
	EP 1605772	A1	20051221	EP 2004-721828	20040319
	EP 1605772	B1	20070627		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
	AT 365463	T	20070715	AT 2004-721828	20040319
	NZ 542956	A	20071130	NZ 2004-542956	20040319
	US 20070092960	A1	20070426	US 2006-548403	20060727
PRAI	DK 2003-443	A	20030321		
	WO 2004-DK187	A	20040319		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 2002:927157 CAPLUS  
DN 137:369132  
TI Fractionation of protein containing mixtures  
IN Lihme, Allan Otto Fog; Hansen, Marie Bendix; Andersen, Inga Vaarst; Olander, Morten Aae  
PA Upfront Chromatography A/S, Den.  
SO PCT Int. Appl., 73 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002096215	A1	20021205	WO 2002-DK375	20020531
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002316806	A1	20021209	AU 2002-316806	20020531
	AU 2002316806	B2	20071025		
	EP 1401289	A1	20040331	EP 2002-745177	20020531
	EP 1401289	B1	20050309		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	AT 290323	T	20050315	AT 2002-745177	20020531
	EP 1552752	A2	20050713	EP 2005-75201	20020531
	EP 1552752	A3	20051012		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, FI, CY, TR  
NZ 530152 A 20050729 NZ 2002-530152 20020531  
EP 1584242 A1 20051012 EP 2005-76246 20020531  
EP 1584242 B1 20100120  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, FI, CY, TR  
AT 455468 T 20100215 AT 2005-76246 20020531  
US 20050065329 A1 20050324 US 2004-478111 20040310  
US 20080182979 A1 20080731 US 2007-943778 20071121  
PRAI DK 2001-869 A 20010601  
EP 2002-745177 A3 20020531  
EP 2005-75201 A3 20020531  
WO 2002-DK375 W 20020531  
US 2004-478111 A1 20040310  
OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)  
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 2002:234467 CAPLUS  
TI Separation of lactoferrin from cheese whey by expanded  
bed adsorption  
AU Vahtola, K.; Isomaki, R.; Myllykoski, L.; Kutila, T.; Keiski, R.  
CS Department of Process and Environmental Engineering, University of Oulu,  
FIN-90014, Finland  
SO Biochemistry and Cell Biology (2002), 80(1), 149  
CODEN: BCBIEQ; ISSN: 0829-8211  
PB National Research Council of Canada  
DT Journal  
LA English  
  
L4 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 2002:4479 CAPLUS  
DN 136:261848  
TI Recovery of antithrombin III from milk by expanded  
bed chromatography  
AU Ozuyurt, Sinem; Kirdar, Betul; Ulgen, Kutlu O.  
CS Department of Chemical Engineering, Bogazici University, Bebek, Istanbul,  
80815, Turk.  
SO Journal of Chromatography, A (2002), 944(1-2), 203-210  
CODEN: JCRAEY; ISSN: 0021-9673  
PB Elsevier Science B.V.  
DT Journal  
LA English  
OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)  
RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 2001:238742 CAPLUS  
DN 134:307432  
TI Purification of lactoferrin by expanded-bed  
column chromatography  
AU Shiozawa, Masami; Okabe, Hironao; Nakagawa, Yasuhiro; Morita, Hiroshi;  
Uchida, Toshiaki  
CS Department of Bioengineering, Yatsushiro National College of Technology,  
Yatsushiro, 866-8501, Japan  
SO Kagaku Kogaku Ronbunshu (2001), 27(2), 145-148  
CODEN: KKRBAW; ISSN: 0386-216X  
PB Kagaku Kogakkai  
DT Journal  
LA Japanese

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L4 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 2000:327436 CAPLUS  
TI Chromatographic capture of proteins from milk.  
AU Etzel, Mark R.; Liton, Alisa D.; Moore, Peter M.  
CS University of Wisconsin-Madison, Madison, WI, 53706, USA  
SO Book of Abstracts, 219th ACS National Meeting, San Francisco, CA, March 26-30, 2000 (2000), BIOT-211 Publisher: American Chemical Society, Washington, D. C.  
CODEN: 69CLAC  
DT Conference; Meeting Abstract  
LA English

L4 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 1999:136528 CAPLUS  
DN 131:15854  
TI Online monitoring of breakthrough curves within an expanded bed adsorber  
AU Chase, H. A.; Nash, D. C.; Bruce, L. J.  
CS Department of Chemical Engineering, University of Cambridge, Cambridge, CB2 3RA, UK  
SO Bioprocess Engineering (1999), 20(3), 223-229  
CODEN: BIENEU; ISSN: 0178-515X  
PB Springer-Verlag  
DT Journal  
LA English  
OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)  
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 1998:524691 CAPLUS  
TI Expanded bed applications to delipidization and selective purification of IgG from IgA and IgM from milk  
AU Velander, William H.; Gardner, Tara Conti; Degener, Arthur  
CS Department Chemical Engineering, Virginia Tech, Blacksburg, VA, 24061-0211, USA  
SO Book of Abstracts, 216th ACS National Meeting, Boston, August 23-27 (1998), BIOT-031 Publisher: American Chemical Society, Washington, D. C.  
CODEN: 66KYA2  
DT Conference; Meeting Abstract  
LA English